

For In-Circuit- and Functional Test (ICT/FCT)

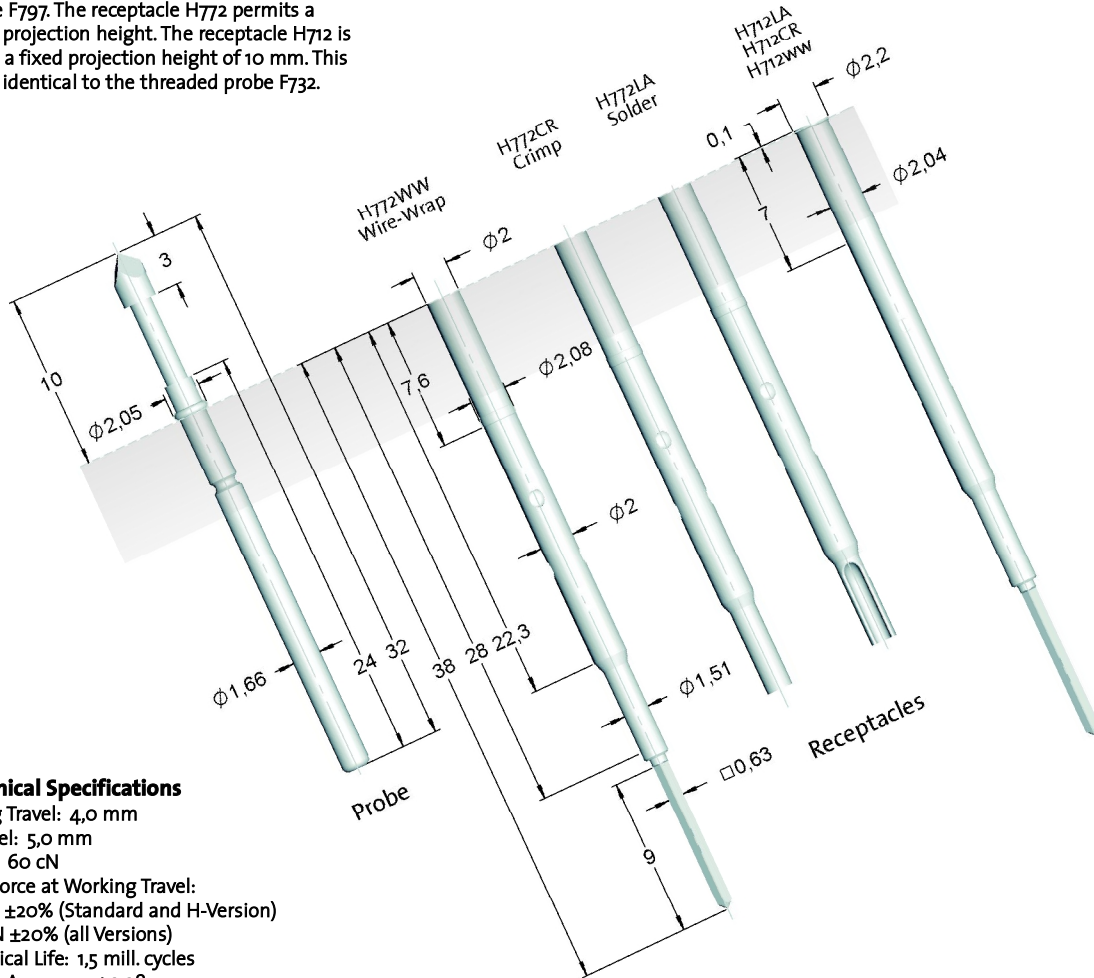
F772

The F772 is used in dual-stage fixtures together with the F797. The receptacle H772 permits a variable projection height. The receptacle H712 is used for a fixed projection height of 10 mm. This probe is identical to the threaded probe F732.

Centers 2,54 mm/100 mil

	Current	Temperature
Standard	5,0 A	-20°... +80° C
H-Version ¹	5,0 A	-40°... +250° C
C-Version	16,0 A	-40°... +250° C

¹ On Request



Mechanical Specifications

Working Travel: 4,0 mm
 Full Travel: 5,0 mm
 Preload: 60 cN
 Spring Force at Working Travel:
 150 cN ±20% (Standard and H-Version)
 300 cN ±20% (all Versions)
 Mechanical Life: 1,5 mill. cycles
 Pointing Accuracy: ±0,08 mm

Electrical Specifications

Constant Current: 5,0 - 16,0 A
 Typical Probe Resistance: 25 mOhm
 C-Version: 10 mOhm

Materials and Finishes

Plunger: see Tip Style
 Barrel: Nickel Silver, Gold plated
 Spring: Music Wire, Silver plated
 Receptacle: Nickel Silver, Gold plated

Projection Height

H772WW/H772CR/H772LA	H712LA/H712CR/H712WW
10,0 - 17,6 mm	10,0 mm

Plunger Tip Style, Material, Finish and Tip Diameter

05 BeCu; G Ø 1,8; 2,0; 2,5 mm	06 BeCu; G Ø 1,5; 1,8; 2,0; 2,5 mm	11 BeCu; G Ø 0,7 mm	12 BeCu; G Ø 1,5 mm	14 Steel; L Ø 2,0 mm
15 BeCu; G Ø 2,0 mm	18 BeCu; G Ø 1,3 mm	21 Steel; L Ø 1,3 mm	32 Steel; N Ø 0,8 mm	33 Steel; L Ø 1,3 mm

High Current Version (C-Version only 300 cN) *new*

06 BeCu; G Ø 2,0 mm	11 BeCu; G Ø 1,0 mm	14 Steel; L Ø 1,3 mm	16 BeCu; G Ø 1,0 mm
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Order Example

F772 05B 200 G 300 H

Type: F772 Tip Diameter: 05B Spring Force: 200 G Special Version: 300 H

Tip Style: 05 Material: B Plunger Finish: G Special Version (optional): H

Material: B = BeCu, S = Steel
Tip Diameter: 2,0 mm = 200
Plunger Finish: G = Gold plated
 L = Longtime gold plated
 N = Nickel plated
Special Version: C = High Current Probe
 H = High Temperature Probe
Receptacle: Order Number see drawing